

CLAIMS

What the invention claimed is:

1. An engraving dial comprising:

a bottom holder plate, said bottom holder plate comprising
5 an upper part, a lower part, the lower part of said bottom holder
plate having an outer greater than the upper part of said bottom
holder plate, a center through hole through the lower part and upper
part of said bottom holder plate, and a plurality of screw holes
10 equiangularly spaced around the center through hole of said bottom
holder plate;

a lower dial plate, said lower dial plate comprising a center
through hole adapted to accommodate the lower part of said bottom
holder plate, a plurality of peripheral notches equiangularly spaced
15 around the periphery thereof, two sets of signs respectively
engraved on top and bottom sides thereof at imaginary radial lines
between the center through hole of said lower dial plate and said
peripheral notches, a plurality of recessed round holes
symmetrically formed at the top and bottom sides and
20 equiangularly spaced around the center through hole of said lower
dial plate at an imaginary circle concentric to the center through
hole of said lower dial plate;

an upper dial plate, said upper dial plate comprising a

center through hole, a peripheral opening, two sets of signs respectively engraved on top and bottom sides thereof corresponding to the signs at said lower dial plate;

5 a top holder plate, said top holder plate comprising an upper part, a lower part fitted into the center through hole of said upper dial plate, the lower part of said top holder plate having a diameter smaller than the upper part of said top holder plate, a center through hole adapted to accommodate the upper part of said bottom holder plate, and a plurality of countersunk holes
10 respectively fastened to the screw holes of said bottom holder plate by screws; and

at least one locator, said at least one locator each comprising a retaining member respectively fastened to and vertically extended through said top holder plate, said retaining
15 member having a bottom mounting hole, a compression spring mounted in the bottom mounting hole of said retaining member, and a steel ball supported on said compression spring at a bottom side and forced by said compression spring to selectively engage the recessed round holes of said lower dial plate.

20 2. The engraving dial as claimed in claim 1, wherein said upper dial plate further comprises a screw hole, and a holding down bolt threaded into said screw hole and rotated downwards/upwards to lock said upper dial plate to said lower dial plate or to unlock

said upper dial plate from said lower dial plate, said holding down bolt having a pressure block disposed at a bottom side thereof for pressing on the top side of said lower dial plate.

3. The engraving dial as claimed in claim 1, wherein the
- 5 lower part of said lower dial plate has a flange radially extended around the periphery thereof; said lower dial plate has two annular grooves symmetrically formed in the top and bottom sides around the center through hole thereof and adapted to selective receive the flange of said lower dial plate.